

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Output resistance of an op amp is	A. High B. Low C. Zero D. Equal to input resistance
2	The peak to peak value of alternating voltage is	A. $2V_0$ B. $V_0$ D. None of these
3	The main reason for world wide use of A.C is because:	A. It is very high power B. It can be transmitted over long distance C. It is cheaper to use D. All of above
4	The critical temperature of mercury is.	A. 1.18 K B. 4.2 K C. 3.72 K D. 7.2 K
5	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above
6	The reverse saturation current in a PN junction diode is only due to:	A. Majority carriers B. Minority carriers C. Acceptor ions D. Donor ions
7	For Paschen series, the value of 'n' starts from	A. 2 B. 4 C. 6 D. 8
8	Which one is not a crystalline solid.	A. Zinc B. Copper C. Nylon D. None of these
9	Seven resistances are connected as shown in the figures . The equivalent resistance between A and B is:	A. $3\Omega$ B. $4\Omega$ C. $4.5\Omega$ D. $5\Omega$
10	Domains are existed in	A. Ferromagnetic materials B. Paramagnetic materials C. Semi conductors D. Diamagnetic materials
11	If there is no fourth band, tolerance is shows as	D. 10%
12	The number of Neutron is $^{238}_{92}\text{U}$	A. 92 B. 238 C. 146 D. 330
13	SI unit of electric flux is.	A. $\text{Nm}^2/\text{C}$ B. $\text{Nm}^{-1}\text{C}$ C. $\text{Nm}^2/\text{C}^2$ D. $\text{Nm}^3/\text{C}^2$
14	The central region of a transistor is called.	A. Emitter B. Collector C. Base D. Neutral
15	When motor is just started, back emf is almost.	A. Maximum B. Zero C. Minimum D. Infinite
16	Reflecting mirrors in laser is used to	A. Further stimulation B. For producing more energetic lasers

		C. Both (a) and (b) D. None of these
17	The dimensions of Plank's constant is same as that of.	A. Energy B. Power C. Acceleration D. Angular momentum
18	The vector sum of electric force and magnetic force is called:	A. Deflecting force B. Lorentz force C. Newton force D. Faraday's force
19	Photo copier and inkjet printer are the applications of	A. Magnetism B. Electricity C. Electro magnetism D. Electrostatics
20	How many neutrons are there in the nuclide $Zn^{66}$ ?	A. 22 B. 30 C. 36 D. 66